

**To:** Miller, Johanna[Miller.Johanna@epa.gov]; Card, Joan[Card.Joan@epa.gov]  
**From:** Ostrander, David  
**Sent:** Thur 10/8/2015 11:12:32 PM  
**Subject:** FW: materials for navajo meetings next week  
[Oct14 TenTribes EPA Agenda.docx](#)  
[Draft Agenda Navajo & US EPA meeting Oct 15.docx](#)  
[UpperAnimas MineFeatures.jpg](#)  
[Gold King Mine Site Operations.pptx](#)

Sorry, forgot to copy you before I hit sent.

**From:** Ostrander, David  
**Sent:** Thursday, October 08, 2015 4:57 PM  
**To:** Chilingaryan, Sona  
**Subject:** FW: materials for navajo meetings next week

Here is what we have.

thanks

**From:** Miller, Johanna  
**Sent:** Thursday, October 08, 2015 4:12 PM  
**To:** Ostrander, David  
**Subject:** FW: materials for navajo meetings next week

Here is what we have come up with – let me know if you would like me to forward to Sona.  
Johanna

Slide 2

- Since 1990, over 50 reclamation projects have been completed in the Upper Animas River Basin.
- Projects included moving or capping contaminated tailings and waste rock, installing passive treatment and ponds, water diversions, and mine adit hydraulic controls

including bulkheads to halt or allow the management of flow from discharging mines.

- Projects have been completed in each of the three major tributaries above Silverton: the Upper Animas, Cement Creek, and Mineral Creek drainages.
- Projects have been completed by private mining companies (Sunnyside Gold Corp., Gold King Mining and others), Federal agencies (Bureau of Land Management and United States Forest Service), State of Colorado agencies (Division of Mining Geology/Division of Reclamation Mining and Safety), and by stakeholder groups (Animas River Stakeholder Group and others) through CWA Section 319 Funds.

#### Slide 4

The Animas River Stakeholders Group (ARSG) mission is to:

- Improve water quality impacts resulting from historic mining
- Operates through consensus building
- Usually meets on the 4<sup>th</sup> Tuesday of the month in Silverton or Durango
- More information on the group's website:  
<http://www.animasriverstakeholdersgroup.org/>

Other Groups Active in addressing water quality issues in the Animas River

- Animas Watershed Partnership <http://animaswatershedpartnership.org/>
- San Juan Citizen's Alliance <http://sanjuancitizens.org/>

State of Colorado, La Plata county and San Juan county officials are also active in understanding concerns and options for

addressing impacts to the Animas River

**From:** Chilingaryan, Sona  
**Sent:** Thursday, October 08, 2015 10:33 AM  
**To:** Murray, Bill; Ostrander, David  
**Cc:** Spence, Sandra; Hestmark, Martin; Card, Joan; Garcia, Bert; Tenley, Clancy; Manzanilla, Enrique; Meer, Daniel  
**Subject:** materials for navajo meetings next week

David and Bill,

Thanks so much for helping out with slides for the two Navajo meetings next week! The agenda for both are attached.

I talked about two slides with Sandra and Bert yesterday (first two listed below) that were about the Upper Animas Watershed, and Enrique, Clancy and I talked with David yesterday about two additional slides more specific to GKM (numbers 3 and 4 below). It would be so wonderful if you could give us these four by COB today and we'll include them in the presentations for both meetings:

1. Graphic of mines in Upper Animas Watershed (I saw something on this late yesterday and will respond before noon)
2. Slide summarizing mine waste clean-up activities that have happened in the Upper Animas in last few decades
3. Slide summarizing what's happening now to control impacts from GKM
4. Slide summarizing info about the Animas River Stakeholders group, including any specifics about future meetings that would allow Tribes to engage if they chose. (David thought

including this would be a good idea— mentioning any other opportunities for tribes to engage with what's happening with upstream controls would also be great).

Really, really appreciate all the help!

s.

Sona Chilingaryan

Tribal Lands Clean-up Section

Superfund Division  
U.S. EPA Region 9, SFD 6-2  
75 Hawthorne Street  
San Francisco, CA 94105

Phone: 415-972-3368

Fax: 415-947-3579